



DRV 703 • DRV 773
(DN 15 - DN 32)



Pressure reducing valve
Female thread • Standard pressure
Stainless steel

Pressure reducing valves of the series are diaphragm-controlled, spring-loaded pressure reducing valves. These valves are inlet pressure relieved.

DGRL 2014/68/EU



Classification societies

- DNV GL
- LR
- BV
- ABS
- CCS

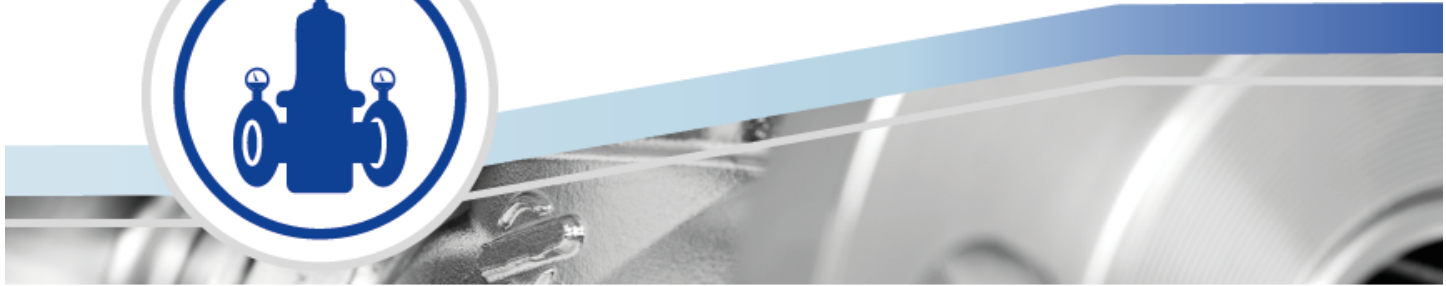
Customs tariff number

84811005

Media

The pressure reducers are suitable for use with aggressive waters and other aggressive liquids, but can also be used for air and neutral gases when larger flow rates are required.

The seals are suitable for drinking water and have ELL and W270 approval.



Features

- pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 16 bar
- outlet pressure: 0,5 - 6 bar
- female thread acc. ISO 228, optionally with NPT-thread
- with integrated strainer filter
- replaceable inner parts
- double-ended G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure): 1 bar
- EPDM seals with ELL and W270 approval



Temperatures

Seals and wetted inner parts allow a maximum temperature of up to 75 °C.



from -30 °C up to +75 °C

Seals and temperatures

EPDM -30 °C bis +75 °C

Pressures



max. 16 bar



0,5 - 6 bar

Connections



Female thread
 acc. ISO 228
 from G 1/2" up to G 1 1/4"

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
standard version	stainless steel 1.4408	plastics	EPDM	plastics/ stainless steel 1.4404	75 °C



Technical data

nominal size	15	20	25	32
G	1/2"	3/4"	1"	1 1/4"

Pressures

max. 16 bar



max. inlet pressure [bar]

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16

0,5 - 6 bar



outlet pressure [bar]

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1,5 - 6
 0,5 - 4

Connections

Female thread
 from G 1/2" to G 1 1/4"



dimensions [mm]

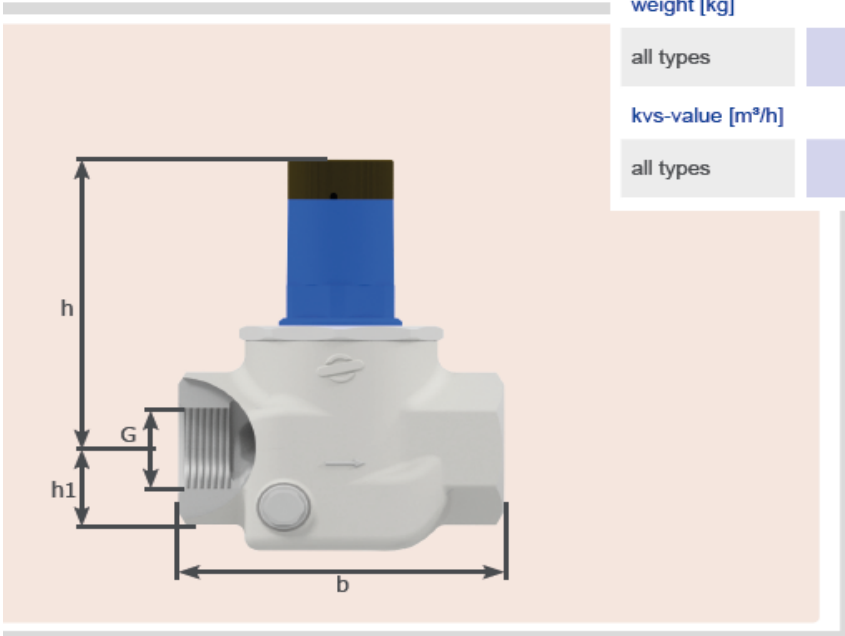
	G	1/2"	3/4"	1"	1 1/4"
all types	b	95	95	110	120
	h1	29	29	39	39
	h	109	109	109	109

weight [kg]

all types	1,0	0,9	1,7	1,6
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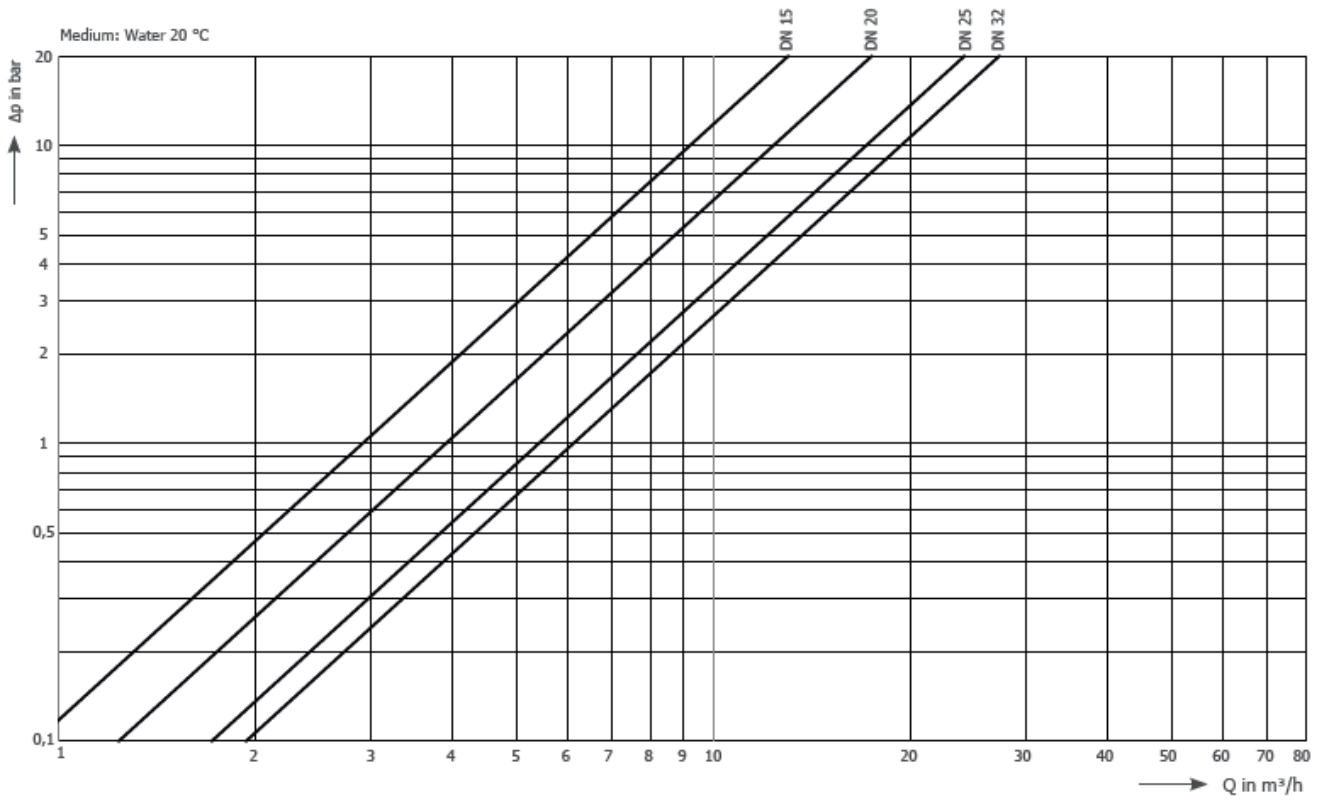
kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1
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Flow diagram



Manometer

diameter	connection	body	pressure range	max. temp.	art.no.*
50 mm	G 1/4", central back	steel	0 - 10 bar	60 °C	009002
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	130 °C	009014

*article numbers are 11 digits, see option overview and configuration example